## Model Performance

| Model | Data |
|---|---|

### Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|---|---|---|---|---|---|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.91 | 1.08 | 0.91 | 1.08 | 0.92 | 1.00 |

## Model Results

**Predicted value:** 7.00e-11 mmHg

**Global applicability domain:** Outside

**Local applicability domain index:** 2.56e-01

**Confidence level:** 2.73e-01

## Nearest Neighbors from the Training Set

Image not found
Lepidine
**Measured:** 8.02e-14
**Predicted:** 9.90e-03

Image not found
Perflutren
**Measured:** 1.66e-08
**Predicted:** 7890

Image not found
2,2,5,5-Tetramethylhexane
**Measured:** 9.80e-08
**Predicted:** 7.94

Image not found
Benz(a)anthracene
**Measured:** 1.97e-10
**Predicted:** 2.14e-08

Image not found
4-Chloro-3-methylphenol
**Measured:** 1.50e-12
**Predicted:** 5.35e-02